



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: April 3, 2020	EPA Reg. No./File Symbol: 84178-4	Page 1 of 2
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: putrescent egg solids, capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

END USE PRODUCT

§ 158.2030: Product Chemistry Data Requirements					
880.1100	Product identity and composition	50179401	Great Oak Inc.	OWN	
880.1200	Description of starting materials, production and formulation process	50179401	Great Oak Inc.	OWN	
880.1400	Discussion of formation of impurities	50179401	Great Oak Inc.	OWN	
830.1700	Preliminary analysis	50179401	Great Oak Inc.	OWN	
830.1750	Certified Limits	50179401	Great Oak Inc.	OWN	
830.6317, 830.6320	Storage Stability and Corrosion Characteristics	51112701	Great Oak, Inc.	OWN	pending
830.1800	Enforcement analytical method and validation	47417801	Great Oak Inc.	OWN	
		47417805			
		42072102	Intagra, Inc.	OLD	
		44599804	McNeil River Enterprises	OLD	
Physical and Chemical Properties					
830.6302	Color	50179402	Great Oak Inc.	OWN	
830.6303	Physical state	50179402	Great Oak Inc.	OWN	
830.6304	Odor	50179402	Great Oak Inc.	OWN	
830.6313	Stability (normal/elevated temperatures, metals and ions)				Not required-EP
830.6315	Flammability			OWN	Noncombustible (9)
830.6317	Storage stability	Conducted upon request		OWN	
830.6319	Miscibility (if emulsifiable liquid & diluted w/ petroleum solvent)				Not emulsified (10)

Signature: 	Name and Title: Sean McNamara Vice President, Great Oak, Inc.	Date: Apr 3, 2020
-----------------------	----------------------------------------------------------------------------	-----------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: April 3, 2020	EPA Reg. No./File Symbol: 84178-4	Page 2 of 2
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: putrescent egg solids, capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.6320	Corrosion characteristics	Conducted upon request			
830.7000	pH	50179402	Great Oak Inc.	OWN	
830.7050	UV/Visible light absorption				Not required-EP
830.7100	Viscosity	50179402	Great Oak Inc.	OWN	
830.7220	Boiling point/boiling range (Melting point 151B-17d)				Not required-EP
830.7300	Density/relative density	50179402	Great Oak Inc.	OWN	
830.7520	Particle size, fiber length and diameter distribution (if water insoluble)				Not required-EP
830.7550	Partition coefficient (n-Octanol/Water)				Not required-EP
830.7560					Not required-EP
830.7570					Not required-EP
830.7840	Water solubility				Not required-EP
830.7950	Vapor pressure				Not required-EP
§ 158.2050: Human Health Assessment Data Requirements-Acute					
870.1100	Acute oral toxicity	50179403	Great Oak, Inc.	OWN	
870.1200	Acute dermal toxicity	50179404	Great Oak, Inc.	OWN	
870.1300	Acute inhalation toxicity rat	50179405	Great Oak, Inc.	OWN	
870.2400	Primary eye irritation rabbit	50179406	Great Oak, Inc.	OWN	
870.2500	Primary dermal irritation	50179407	Great Oak, Inc.	OWN	
870.2600	Dermal sensitization	50179408	Great Oak, Inc.	OWN	

Signature:

Name and Title:

Sean McNamara
Vice President, Great Oak, Inc.

Date:

Apr 3, 2020



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: August 9, 2019	EPA Reg. No./File Symbol: 84178-4	Page 1 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

CAPSAICIN-UNREGISTERED SOURCE TGAI

§ 158.2030: Product Chemistry Data Requirements

880.1100	Product identity and composition	50179409	Great Oak Inc.	OWN	
880.1200	Description of starting materials, production and formulation process	50179409	Great Oak Inc.	OWN	
880.1400	Discussion of formation of impurities	50179409	Great Oak Inc.	OWN	
830.1700	Preliminary analysis	50179409	Great Oak Inc.	OWN	
	Product Identity; Manufacturing Process, Discussion of Formation of Unintentional Ingredients	50179409	Great Oak Inc.	OWN	
830.1800	Enforcement Analytical Method	50179409	Great Oak Inc.	OWN	
880.1100	Product identity and composition	50889101	Great Oak Inc.	OWN	Alternate source
880.1200	Description of starting materials, production and formulation process	50889101	Great Oak Inc.	OWN	Alternate source
880.1400	Discussion of formation of impurities	50889101	Great Oak Inc.	OWN	Alternate source
830.1700	Preliminary analysis	50889101	Great Oak Inc.	OWN	Alternate source
830.1750	Certified Limits	50889101	Great Oak Inc.	OWN	Alternate CSF #1

Physical and Chemical Properties

	Parker, R.D., R.D. Jones and H.P. Nelson., 1995 GENEEC: A Screening Model for Pesticide Environmental Exposure Assessment., in Proceedings of the International Exposure Symposium on Water Quality Modeling; American Society of Agricultural Engineers, pp. 485-490; Orlando, FL			Public Literature	
	Registration Eligibility Decision (RED) Capsaicin, Case 4018; U.S. Environmental Protection Agency, Office of Prevention, Pesticides and Toxic Substances, Office of Pesticide Programs, U.S. Government Printing Office: Washington, DC., 1992.		EPA Capsaicin Case 4018 RED 1992	Public Literature	

Signature:

Name and Title:

Sean McNamara, Vice President, Great Oak, Inc.

Date:

Aug. 9, 2019



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460


Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: August 9, 2019	EPA Reg. No./File Symbol: 84178-4	Page 2 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
	US EPA (1994) Administrative Record of the RED for Capsaicin (Case 4108). 827p	43189301	US EPA	OLD	
830.6302	Color	50179410	Great Oak, Inc.	OWN	
830.6303	Physical state	50179410	Great Oak, Inc.	OWN	
830.6304	Odor	50179410	Great Oak, Inc.	OWN	
830.6313	Stability (normal/elevated temperatures, metals and ions)	N/A			17-Not expected to come into contact metals
830.6315	Flammability	N/A			Not required on TGAI
830.6317	Storage stability	N/A			Not required on TGAI
830.6319	Miscibility	N/A			Not required on TGAI
830.6320	Corrosion characteristics	N/A			Not required on TGAI
830.7000	pH	50179410	Great Oak, Inc.	OWN	
830.7050	UV/Visible light absorption	50179410	Great Oak, Inc.	OWN	
830.7100	Viscosity	N/A			Not required on TGAI
830.7200	Melting point range	N/A			13-not solid at room temp
830.7220	Boiling point/boiling range	50179410	Great Oak, Inc.	OWN	
830.7300	Density/relative density	50179410	Great Oak, Inc.	OWN	
830.7520	Particle size, fiber length and diameter distribution (if water insoluble)	N/A			15-Not water insoluble

Signature: 	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Aug. 9, 2019
----------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: August 9, 2019	EPA Reg. No./File Symbol: 84178-4	Page 3 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.7550	Partition coefficient (n-Octanol/Water)	N/A			16-water soluble
830.7560		N/A			
830.7570		N/A			
830.7840	Water solubility	50179410	Great Oak, Inc.	OWN	
830.7950	Vapor pressure	50179410	Great Oak, Inc.	OWN	
§ 158.2050: Human Health Assessment Data Requirements-Acute					
870.1100	Acute Oral Toxicity	42817701	Miller Chemical And Fertilizer Corp	OLD	
870.1200	Acute Dermal Toxicity	42817702	Miller Chemical And Fertilizer Corp	OLD	
870.1300	Acute Inhalation Toxicity	50179411	Great Oak, Inc.	OWN	Waiver request
870.2400	Primary Eye Irritation	42817703	Miller Chemical And Fertilizer Corp	OLD	
870.2500	Primary Dermal Irritation	42817704	Miller Chemical And Fertilizer Corp	OLD	
870.2600	Dermal Sensitization	50179411	Great Oak, Inc.	OWN	Waiver request
870.3100	90 Day Oral	50179412	Great Oak, Inc.	OWN	Waiver request
870.3250	90 Day Dermal	N/A			7-no human skin applications
870.3465	90 Day Inhalation	50179412	Great Oak, Inc.	OWN	Waiver Request
870.3700	Prenatal developmental	N/A			9-no significant female exposure
870.5385	Bacterial reverse mutation test	N/A			10-no significant human exposure
870.5300, 870.5375	In vitro mammalian cell assay	N/A			10,11-no significant human exposure
§ 158.2060: Non-Target Organisms & E. Fate Data Requirements					

Signature: 	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Aug. 9, 2019
----------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: August 9, 2019	EPA Reg. No./File Symbol: 84178-4	Page 4 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
850.2100, 850.2200, 850.1075, 850.1010, 850.4000, Non-target insects	Request for a Waiver: Ecotoxicology Testing for Capsaicin TGAI.	50179413	Great Oak, Inc.	OWN	

Table 5. List of Studies Submitted for Capsaicin (PC 070701, CAS # 404-86-4) old, non-compensable

MRID Nos.: 46384, 46385, 56784, 87603, 87604, 87605, 87606, 87607, 133724, 133725, 134166, 134167, 134168, 134309, 138436, 146579, 147026, 147045, 152009, 155079, 162615, 40199701, 40444401, 40444402, 40444403, 40596901, 40967901, 40967902, 41044001, 41044002, 41044003, 41044101, 40144102, 41044103, 41044201, 41044202, 41044203, 41080101, 41532901, 41532902, 42065901, 42699401, 42767601, 42767602, 42767603, 42767604, 42767605, 42767606, 42767607, 42802201, 42802202, 42802203, 42802204, 42802205, 42802206, 42802207, 42802208, 42802209, 42817701, 42817702, 42817703, 42817704, 42844901, 42891901, 42928001, 43156401, 43156402, 43156403, 43173101, 43189301, 43311401, 43311402, 43396601, 43396602, 43396603, 43436001, 43436002, 43436003, 43482201, 43482202, 43482203, 43542801, 43542802, 43542803, 43542804, 43598101, 43625901, 43625902, 43625903, 43625904, 43625905, 43662301, 43672401, 43691401, 43692401, 43700901, 43925201, 43996301, 43996302, 44017301, 44030901, 44045401, 44045402, 44052501, 44052502, 44092801, 44092802, 44105301, 44105302, 44146601, 44146602, 44146603, 44146701, 44146702, 44146703, 44146704, 44146705, 44146706, 44146707, 44146708, 44146709, 44146710, 44151001, 44151002, 44173401, 44189202, 44189601, 44194901, 44205601, 44231701, 44245401, 44258401, 44336901, 44336902, 44336903, 44336904, 44336905, 44558301, 44599801, 44599802, 44599803, 44599804, 44599805, 44599806, 44599807, 44599808, 44599809, 44607301, 44707302, 44607303, 44607304, 44607305, 44607306, 44607307, 44607308, 44607309, 44607310, 44607311, 44636601, 44657201, 44657202, 44666001, 44666002, 44666003, 44666004, 44666005, 44666006, 44666007, 44666008, 44675801, 44682301, 44686605, 44699001, 44704501, 44717301, 44717302, 44717303, 44717304, 44763201, 44763202, 44763203, 44763204, 44765201, 44778601, 44832001, 44832002, 44840701, 44855101, 44855102, 44855103, 44855104, 44855105, 44855106, 44897901, 44906701, 44930301, 45048401, 45061301, 45063101, 45237301, 45237302, 45261001, 45281501, 45441501, 45635001

Signature:

Name and Title:

Sean McNamara, Vice President, Great Oak, Inc.

Date:

Aug. 9, 2019



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 20, 2017	EPA Reg. No./File Symbol: 84178-new	Page 1 of 2
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: putrescent egg solids, capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

END USE PRODUCT

§ 158.2030: Product Chemistry Data Requirements					
880.1100	Product identity and composition	50179401	Great Oak Inc.	OWN	
880.1200	Description of starting materials, production and formulation process	50179401	Great Oak Inc.	OWN	
880.1400	Discussion of formation of impurities	50179401	Great Oak Inc.	OWN	
830.1700	Preliminary analysis	50179401	Great Oak Inc.	OWN	
830.1750	Certified Limits	50179401	Great Oak Inc.	OWN	CSF
830.1800	Enforcement analytical method and validation	47417801	Great Oak Inc.	OWN	
		47417805			
		42072102	Intagra, Inc.	OLD	
		44599804	McNeil River Enterprises	OLD	
Physical and Chemical Properties					
830.6302	Color	50179402	Great Oak Inc.	OWN	
830.6303	Physical state	50179402	Great Oak Inc.	OWN	
830.6304	Odor	50179402	Great Oak Inc.	OWN	
830.6313	Stability (normal/elevated temperatures, metals and ions)				Not required-EP
830.6315	Flammability			OWN	Noncombustible (9)
830.6317	Storage stability	Conducted upon request		OWN	
830.6319	Miscibility (if emulsifiable liquid & diluted w/ petroleum solvent)				Not emulsified (10)
830.6320	Corrosion characteristics	Conducted upon request			

Signature: 	Name and Title: Sean McNamara Vice President, Great Oak, Inc.	Date: Mar 20, 2017
-----------------------	----------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 20, 2017	EPA Reg. No./File Symbol: 84178-new	Page 2 of 2
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: putrescent egg solids, capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.7000	pH	50179402	Great Oak Inc.	OWN	
830.7050	UV/Visible light absorption				Not required-EP
830.7100	Viscosity	50179402	Great Oak Inc.	OWN	
830.7220	Boiling point/boiling range (Melting point 151B-17d)				Not required-EP
830.7300	Density/relative density	50179402	Great Oak Inc.	OWN	
830.7520	Particle size, fiber length and diameter distribution (if water insoluble)				Not required-EP
830.7550	Partition coefficient (n-Octanol/Water)				Not required-EP
830.7560					Not required-EP
830.7570					Not required-EP
830.7840	Water solubility				Not required-EP
830.7950	Vapor pressure				Not required-EP
§ 158.2050: Human Health Assessment Data Requirements-Acute					
870.1100	Acute oral toxicity	50179403	Great Oak, Inc.	OWN	
870.1200	Acute dermal toxicity	50179404	Great Oak, Inc.	OWN	
870.1300	Acute inhalation toxicity rat	50179405	Great Oak, Inc.	OWN	
870.2400	Primary eye irritation rabbit	50179406	Great Oak, Inc.	OWN	
870.2500	Primary dermal irritation	50179407	Great Oak, Inc.	OWN	
870.2600	Dermal sensitization	50179408	Great Oak, Inc.	OWN	

Signature:

Name and Title:

Sean McNamara
Vice President, Great Oak, Inc.

Date:

Mar 20, 2017



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 20, 2017	EPA Reg. No./File Symbol: 84178-new	Page 1 of 3
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: Putrescent Egg Solids, Capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

PUTRESCENT WHOLE EGG SOLIDS-UNREGISTERED SOURCE TGA1

§ 158.2030: Product Chemistry Data Requirements					
880.1100	Product identity and composition	47417801	Great Oak Inc.	OWN	
880.1200	Description of starting materials, production and formulation process	47417801	Great Oak Inc.	OWN	
880.1400	Discussion of formation of impurities	47417801	Great Oak Inc.	OWN	
830.1700	Preliminary analysis	47417801	Great Oak Inc.	OWN	
	Product Identity; Manufacturing Process, Discussion of Formation of Unintentional Ingredients	42072101	Intagra, Inc.	OLD	
830.1800	Enforcement Analytical Method	42072102	Intagra, Inc.	OLD	
830.1800	Enforcement Analytical Method	47417805	Great Oak, Inc.	OWN	
		47417801			
Physical and Chemical Properties					
830.6302	Color	42072103	INTAGRA, INC.	OLD	
830.6303	Physical state	42072103	INTAGRA, INC.	OLD	
830.6304	Odor	42072103	INTAGRA, INC.	OLD	
830.6313	Stability (normal/elevated temperatures, metals and ions)	42072103	INTAGRA, INC.	OLD	
830.6315	Flammability	42072103	INTAGRA, INC.	OLD	Not required-TGAI
830.6317	Storage stability	42072103	INTAGRA, INC.	OLD	Not required-TGAI
830.6319	Miscibility	42072103	INTAGRA, INC.	OLD	Not required-TGAI
830.6320	Corrosion characteristics	42072103	INTAGRA, INC.	OLD	Not required-TGAI

Signature:	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Mar 20, 2017
-------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 20, 2017	EPA Reg. No./File Symbol: 84178-new	Page 2 of 3
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: Putrescent Egg Solids, Capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.7000	pH	42072103	INTAGRA, INC.	OLD	
830.7050	UV/Visible light absorption	42072103	INTAGRA, INC.	OLD	Not applicable**
830.7100	Viscosity	42072103	INTAGRA, INC.	OLD	Not required-TGAI
830.7200	Melting point range	42072103	INTAGRA, INC.	OLD	
830.7220	Boiling point/boiling range	42072103	INTAGRA, INC.	OLD	solid
830.7300	Density/relative density	42072103	INTAGRA, INC.	OLD	
830.7520	Particle size, fiber length and diameter distribution (if water insoluble)	42072103	INTAGRA, INC.	OLD	Not applicable**
830.7550	Partition coefficient (n-Octanol/Water)	42072103	INTAGRA, INC.	OLD	Not required
830.7560		42072103	INTAGRA, INC.	OLD	Not required
830.7570		42072103	INTAGRA, INC.	OLD	Not required
830.7840	Water solubility	42072103	INTAGRA, INC.	OLD	
830.7950	Vapor pressure	42072103	INTAGRA, INC.	OLD	Not required
	Product Chemistry Data for Putrescent Egg Solids Unregistered TGAI	47417801	Great Oak, Inc.	OWN	

**TGAI is composed of a mixture of numerous compounds which are together considered to be pesticidally active and therefore is not amendable to such testing.

§ 158.2050: Human Health Assessment Data Requirements-Acute

870.1100, 870.1200, 870.1300, 870.2400, 870.2500, 870.2600	Request for a Waiver: Acute Toxicity Testing for Putrescent Egg Solids Unregistered TGAI: Acute Oral, Dermal, Inhalation, Skin Irritation, Eye Irritation, and Skin Sensitization	47417802	Great Oak, Inc.	OWN	
870.3100, 870.3250, 870.3465	Subchronic testing				Not applicable (test notes 6,7,8)
870.3100, 870.3250, 870.3465, 870.3700, 870.5100, 870.5300, 870.5375	Putrescent Whole Egg Solids TGAI Request for Toxicology Testing Waiver: In Support of DeerPro Spring Summer Deer Repellent	50179414	Great Oak, Inc.	OWN	

Signature:	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Mar 20, 2017
-------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 20, 2017	EPA Reg. No./File Symbol: 84178-new	Page 3 of 3
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: Putrescent Egg Solids, Capsaicin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

§ 158.2060: Non-Target Organisms & E. Fate Data Requirements

	Request for a Waiver: Ecotoxicology Testing for Putrescent Egg Solids TGA1.	47417803	Great Oak, Inc.	OWN	
	Request for a Waiver: Environmental Fate Studies for Putrescent Egg Solids TGA1	47417804	Great Oak, Inc.	OWN	

Signature:

Name and Title:
Sean McNamara, Vice President, Great Oak, Inc.

Date:
Mar 20, 2017



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix


Date: March 27, 2017	EPA Reg. No./File Symbol: 84178-new	Page 1 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

CAPSAICIN-UNREGISTERED SOURCE TGAI

§ 158.2030: Product Chemistry Data Requirements					
880.1100	Product identity and composition	50179409	Great Oak Inc.	OWN	
880.1200	Description of starting materials, production and formulation process	50179409	Great Oak Inc.	OWN	
880.1400	Discussion of formation of impurities	50179409	Great Oak Inc.	OWN	
830.1700	Preliminary analysis	50179409	Great Oak Inc.	OWN	
	Product Identity; Manufacturing Process, Discussion of Formation of Unintentional Ingredients	50179409	Great Oak Inc.	OWN	
830.1800	Enforcement Analytical Method	50179409	Great Oak Inc.	OWN	
Physical and Chemical Properties					
	Parker, R.D., R.D. Jones and H.P. Nelson., 1995 GENECC: A Screening Model for Pesticide Environmental Exposure Assessment., in Proceedings of the International Exposure Symposium on Water Quality Modeling; American Society of Agricultural Engineers, pp. 485-490; Orlando, FL			Public Literature	
	Registration Eligibility Decision (RED) Capsaicin, Case 4018; U.S. Environmental Protection Agency, Office of Prevention, Pesticides and Toxic Substances, Office of Pesticide Programs, U.S. Government Printing Office: Washington, DC., 1992.		EPA Capsaicin Case 4018 RED 1992	Public Literature	
	US EPA (1994) Administrative Record of the RED for Capsaicin (Case 4108). 827p	43189301	US EPA	OLD	
830.6302	Color	50179410	Great Oak, Inc.	OWN	
830.6303	Physical state	50179410	Great Oak, Inc.	OWN	
830.6304	Odor	50179410	Great Oak, Inc.	OWN	

Signature: 	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Mar 27, 2017
----------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460


Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 27, 2017	EPA Reg. No./File Symbol: 84178-new	Page 2 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.6313	Stability (normal/elevated temperatures, metals and ions)	N/A			17-Not expected to come into contact metals
830.6315	Flammability	N/A			Not required on TGA
830.6317	Storage stability	N/A			Not required on TGA
830.6319	Miscibility	N/A			Not required on TGA
830.6320	Corrosion characteristics	N/A			Not required on TGA
830.7000	pH	50179410	Great Oak, Inc.	OWN	
830.7050	UV/Visible light absorption	50179410	Great Oak, Inc.	OWN	
830.7100	Viscosity	N/A			Not required on TGA
830.7200	Melting point range	N/A			13-not solid at room temp
830.7220	Boiling point/boiling range	50179410	Great Oak, Inc.	OWN	
830.7300	Density/relative density	50179410	Great Oak, Inc.	OWN	
830.7520	Particle size, fiber length and diameter distribution (if water insoluble)	N/A			15-Not water insoluble
830.7550	Partition coefficient (n-Octanol/Water)	N/A			16-water soluble
830.7560		N/A			
830.7570		N/A			
830.7840	Water solubility	50179410	Great Oak, Inc.	OWN	
830.7950	Vapor pressure	50179410	Great Oak, Inc.	OWN	

Signature: 	Name and Title: Sean McNamara, Vice President, Great Oak, Inc.	Date: Mar 27, 2017
----------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 27, 2017	EPA Reg. No./File Symbol: 84178-new	Page 3 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

§ 158.2050: Human Health Assessment Data Requirements-Acute

870.1100	Acute Oral Toxicity	42817701	Miller Chemical And Fertilizer Corp	OLD	
870.1200	Acute Dermal Toxicity	42817702	Miller Chemical And Fertilizer Corp	OLD	
870.1300	Acute Inhalation Toxicity	50179411	Great Oak, Inc.	OWN	Waiver request
870.2400	Primary Eye Irritation	42817703	Miller Chemical And Fertilizer Corp	OLD	
870.2500	Primary Dermal Irritation	42817704	Miller Chemical And Fertilizer Corp	OLD	
870.2600	Dermal Sensitization	50179411	Great Oak, Inc.	OWN	Waiver request
870.3100	90 Day Oral	50179412	Great Oak, Inc.	OWN	Waiver request
870.3250	90 Day Dermal	N/A			7-no human skin applications
870.3465	90 Day Inhalation	50179412	Great Oak, Inc.	OWN	Waiver Request
870.3700	Prenatal developmental	N/A			9-no significant female exposure
870.5385	Bacterial reverse mutation test	N/A			10-no significant human exposure
870.5300, 870.5375	In vitro mammalian cell assay	N/A			10,11-no significant human exposure

§ 158.2060: Non-Target Organisms & E. Fate Data Requirements

850.2100, 850.2200, 850.1075, 850.1010, 850.4000, Non-target insects	Request for a Waiver: Ecotoxicology Testing for Capsaicin TGA1.	50179413	Great Oak, Inc.	OWN	

Signature:

Name and Title:

Sean McNamara, Vice President, Great Oak, Inc.

Date:

Mar 27, 2017



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: March 27, 2017	EPA Reg. No./File Symbol: 84178-new	Page 4 of 4
Applicant's/Registrant's Name and Address: Great Oak, Inc. 10 Great Oak Lane, PO Box 1109 Redding Center, CT 06875	Product Name: DeerPro™ Spring/Summer Concentrate	

Ingredients: CAPSAICIN

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
----------------------------	----------------------	-------------	-----------	--------	-------

Table 5. List of Studies Submitted for Capsaicin (PC 070701, CAS # 404-86-4) old, non-compensable

MRID Nos.: 46384, 46385, 56784, 87603, 87604, 87605, 87606, 87607, 133724, 133725, 134166, 134167, 134168, 134309, 138436, 146579, 147026, 147045, 152009, 155079, 162615, 40199701, 40444401, 40444402, 40444403, 40596901, 40967901, 40967902, 41044001, 41044002, 41044003, 41044101, 40144102, 41044103, 41044201, 41044202, 41044203, 41080101, 41532901, 41532902, 42065901, 42699401, 42767601, 42767602, 42767603, 42767604, 42767605, 42767606, 42767607, 42802201, 42802202, 42802203, 42802204, 42802205, 42802206, 42802207, 42802208, 42802209, 42817701, 42817702, 42817703, 42817704, 42844901, 42891901, 42928001, 43156401, 43156402, 43156403, 43173101, 43189301, 43311401, 43311402, 43396601, 43396602, 43396603, 43436001, 43436002, 43436003, 43482201, 43482202, 43482203, 43542801, 43542802, 43542803, 43542804, 43598101, 43625901, 43625902, 43625903, 43625904, 43625905, 43662301, 43672401, 43691401, 43692401, 43700901, 43925201, 43996301, 43996302, 44017301, 44030901, 44045401, 44045402, 44052501, 44052502, 44092801, 44092802, 44105301, 44105302, 44146601, 44146602, 44146603, 44146701, 44146702, 44146703, 44146704, 44146705, 44146706, 44146707, 44146708, 44146709, 44146710, 44151001, 44151002, 44173401, 44189202, 44189601, 44194901, 44205601, 44231701, 44245401, 44258401, 44336901, 44336902, 44336903, 44336904, 44336905, 44558301, 44599801, 44599802, 44599803, 44599804, 44599805, 44599806, 44599807, 44599808, 44599809, 44607301, 44707302, 44607303, 44607304, 44607305, 44607306, 44607307, 44607308, 44607309, 44607310, 44607311, 44636601, 44657201, 44657202, 44666001, 44666002, 44666003, 44666004, 44666005, 44666006, 44666007, 44666008, 44675801, 44682301, 44686605, 44699001, 44704501, 44717301, 44717302, 44717303, 44717304, 44763201, 44763202, 44763203, 44763204, 44765201, 44778601, 44832001, 44832002, 44840701, 44855101, 44855102, 44855103, 44855104, 44855105, 44855106, 44897901, 44906701, 44930301, 45048401, 45061301, 45063101, 45237301, 45237302, 45261001, 45281501, 45441501, 45635001

Signature:

Name and Title:

Sean McNamara, Vice President, Great Oak, Inc.

Date:

Mar 27, 2017